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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Williams, Anthony David) **Examiner:** Nguyen, Linh M.

)

Serial No.: 10/713,717) **Art Unit:** 2816

)

Filing Date: November 14, 2003) **Atty. Docket No.** 030772

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Title: FREQUENCY SYNTHESIZER HAVING PLL WITH AN ANALOG PHASE DETECTOR

AMENDMENT

Kirkpatrick & Lockhart Nicholson Graham LLP
Pittsburgh, PA 15222
October 14, 2005

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed August 11, 2005 in connection with the above-identified application, Applicant responds as follows, wherein:

Amendments to the Claims begin on page 2; and

Remarks begin on page 7.

EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number F008532054US
Date of Deposit October 14, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop AF, Commissioner of Patents, Box 1450, Alexandria, VA 22313-1450

Patricia G. Mack